

GP-1641

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Date: March 19, 2001

Signed: 

Printed Name: Gregory L. Heinkel

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

## IN RE APPLICATION OF:

Wagner, *et al.*

Serial No.: 09/574,692

Filed: 5/17/2000

For: ARRAYS OF PROTEIN-

CAPTURE AGENTS AND METHODS OF USE

THEREOF

Examiner: M. Pham

Art Unit: 1641

PRELIMINARY AMENDMENT

RECEIVED

MAR 30 2001

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Commissioner of Patents  
Washington, D.C., 20231

415-576-0200

Sir:

Please enter the following Preliminary Amendment prior to examination of the above-mentioned patent application.

## AMENDMENT

In the Claims:

Please cancel Claims 36 - ~~40~~ and 42 - ~~44~~..

Please add new Claims 46 - 57.

-- 46. A biochip for displaying attached polynucleotides comprising:

- (a) a substrate having an oxide or nitride surface; and,
- (b) an ordered hydrocarbon monolayer formed from first alkyl chains, said first alkyl chains having proximal and distal ends, said first alkyl chains interacting with each other to form said ordered hydrocarbon monolayer, said ordered hydrocarbon monolayer being attached to said surface through one or more silane